ITB# 2218003
REVISED 4/12/10

Statement of Work CRUR-82LTV8
for
EPMS Data Warehouse

Prepared for

Alabama State Department of Education

The information in this Statement of Work may not be disclosed outside of Alabama State Department of Education and may not be duplicated, used or disclosed in whole or in part for any purpose other than to evaluate the Statement of Work, provided that, if a contract is awarded to IBM as a result of or in connection with the submission of this Statement of Work, Alabama State Department of Education will have the right to duplicate, use or disclose the information to the extent provided by the contract. This restriction does not limit the right of Alabama State Department of Education to use information contained in this Statement of Work if it is obtained from another source without restriction. IBM retains ownership of this Statement of Work.

1. Overview and Approach

IBM is pleased to present this Statement of Work (SOW) to Alabama State Department of Education (ALSDE) (also called "you" and "your") for proposed EPMS services The primary goal of this project is a successful implementation of the IBM Cognos Education Performance Management System (EPMS), to include specifically, the IBM Cognos EPMS Data Warehouse at ALSDE. EPMS was developed by IBM Cognos to provide information focused on typical reporting and analysis needs of a state DOE. That important framework provides a running start for ALSDE to deliver the answers to a wide ranging number of K–12 reporting and analysis questions, and more importantly the objectives of the ALSDE project. By leveraging the existing EPMS framework, ALSDE will be able to deliver end results to key state level officials, district/regional personnel, reporting authorities and the public.

2. Statement of Work

This section describes the work to be provided by IBM ("Services") under the terms and conditions of the agreement identified by name, number and date in the signature block of this SOW, the "Agreement." In addition, your responsibilities are listed.

Changes to this SOW will be processed in accordance with the procedure described in Appendix A-1: Project Change Control Procedure. The investigation and the implementation of changes may result in modifications to the Estimated Schedule, Charges, and other terms of this SOW and/or the Agreement.

The following are incorporated in and made part of this SOW:

- Appendix A: Project Procedures
- Appendix B: Materials

To the extent there is any contradiction, inconsistency or ambiguity between the terms of this SOW and the Agreement, this SOW will govern.

2.1 Project Scope

In this project IBM will:

a. Provide Project Management Services

b. Provide IBM Cognos Hardware Sizing, Product Installation Planning, Product Installation and Tuning services

c. Provide Process Exception and Data Handling Services

d. Provide IBM Cognos EPMS Data Warehouse Build Out Activities, Source Data Mapping, Extract Processes, and Load, of the EPMS data warehouse.

e. Provide IBM Cognos EPMS reporting from the list of standard EPMS reports, including EDEN and LDS reports

f. Provide IBM Cognos security integration for the EPMS application.

g. Provide IBM Cognos connection based EPMS portal.

h. Provide IBM Cognos Product Installation Production Environment

2.2 Key Assumptions

This SOW and IBM's estimates are based on the following key assumptions, and those listed in the activities in Section 2.3 IBM Responsibilities, if any. Deviations that arise during the proposed project will be managed through the procedure described in Appendix A-1: Project Change Control Procedure, and may result in adjustments to the Project Scope, Estimated Schedule, Charges and other terms. These adjustments may include charges on a time-and-materials or fixed-fee basis using IBM's standard rates in effect from time to time for any resulting additional work or waiting time.

a. Work under this SOW will be performed at your facility in Montgomery Alabama, except for any project-related activity which IBM determines would be best performed on IBM premises in order to complete its obligations and responsibilities under this SOW. Such activity will be billable to you.

b. IBM will provide the Services under this SOW during normal business hours, 8:30 AM to 5:15 PM, local time, Monday through Friday, except holidays. If necessary, you will provide after-hours access to your facilities to IBM personnel. Out-of-town personnel may work hours other than those defined as normal business hours to accommodate their travel schedules.

c. If your customer number indicates that you require a Purchase Order (PO) for payment purposes, the Services and deliverables under this SOW will not be provided until a PO or a PO waiver for the charges specified in Section 2.8 Charges, including travel and living expenses, is received. A PO waiver may be sent in hard copy or e-mail, but must come from an authorized officer or your purchasing agent. Any different or added terms contained in any PO or other ordering documents that might be exchanged in relation to activities under this SOW will not be applicable or of any effect. At its sole discretion, IBM may elect to begin delivery of Services after SOW execution, but prior to receipt of PO or PO waiver, on a limited, case-by-case basis.

d. During its performance under this project, IBM Cognos shall make every reasonable attempt and facilitate an environment that will successfully impart sufficient knowledge and skill to ALSDE personnel. Wherever IBM Cognos is required to provide or transfer information to the ALSDE personnel, IBM Cognos shall provide the ALSDE with the opportunity for side-by-side observation and discussion with IBM Cognos personnel.

e. Unless otherwise approved by the ALSDE, IBM Cognos hereunder will perform most of the work at the ALSDE facilities as a joint project team. Nevertheless, where possible and reasonable ALSDE shall not withhold its consent for IBM Cognos' consultants to accomplish their assignments remotely.

f. Where data cleansing is identified, the identified data cleansing issue will be communicated back to ALSDE and remain the responsibility of ALSDE to correct, unless mutually agreed upon as an addition to project scope with a resulting project change order.

g. The primary data sources for this project will be defined as the Alabama Consolidated Education System (ACES)

h. ALSDE Business Unit Heads and Subject Matter Experts (SMEs) are made available and participate in the working sessions identified in the activity areas of this project.

i. Training of ALSDE key personnel is not included in this Statement of Work.

j. Training of ALSDE End Users is not included in this Statement of Work.

k. ALSDE at their request will be actively involved in all portions of the engagement.

l. ALSDE will be responsible for making all agreed upon process improvements.

m. ALSDE will provide two fulltime personnel a Data Base SME and a Data Warehouse SME.

2.3 IBM Responsibilities

Under this SOW, IBM will undertake the following activities:

Activity 1 - Project Management

IBM will provide project management for the IBM responsibilities in the SOW. The purpose of this activity is to provide technical direction and control of IBM project personnel and to provide a framework for project planning, communications, reporting, procedural and contractual activity. This activity is composed of the following tasks:

Planning

a. Review the SOW and the contractual responsibilities of both parties with your Project Manager.

b. Maintain project communications through your Project Manager.

c. Coordinate the establishment of the project environment.

d. Establish documentation and procedural standards for deliverable Materials.

e. Assist your project manager to prepare and maintain the project plan for the performance of the SOW which will include the product training plan, activities, tasks, assignments, milestones and estimates.

f. Review with you the hardware required for the performance of the SOW.

g. Work with ALSDE personnel to develop an End User Training Plan.

Project Tracking and Reporting

h. Review project tasks, schedules, and resources and make changes or additions, as appropriate. Measure and evaluate progress against the project plan with your Project Manager.

i. Review the IBM standard invoice format and billing procedure to be used on the project, with your Project Manager.

j. Work with your Project Manager to address and resolve deviations from the project plan.

k. Conduct regularly scheduled project status meetings.

l. Report time spent on the project to your Project Manager.

m. Administer the Project Change Control Procedure with your Project Manager.

n. Coordinate and manage the technical activities of IBM project personnel.

Completion Criteria:

This is an ongoing activity which will be considered complete at the end of the Services.

Deliverable Materials:

- Project Plan
- Regular Project Status Reports

Activity 2 - Provide IBM Cognos Hardware Sizing, Product Installation Planning, Product Installation and Tuning services Development Environment

In this activity, IBM will perform Services which include the following tasks:

a. Provide Hardware sizing for the IBM Cognos Application.

b. Develop the Technical Architecture Document (TAD).

c. Perform IBM Cognos Standard Software Installation and Testing for the development environments

d. Provide both on and off site system design, tuning and troubleshooting

Deliverable Materials:

- Hardware Sizing Document
- Technical Architecture Document

Activity 3 - Process and Data Gap Analysis

In this activity, IBM will perform Services which include the following tasks:

a. Review with SME ALSDE personnel the current processes for assessment, Annual Yearly progress (AYP) ,Highly Qualified Teacher (HQT), and Graduation rate, and Drop out rates

b. Work with ALSDE personnel to identify the mechanisms to collapse those processes to reduce the amount of manual validation and correction.

c. Work with ALSDE personnel to recommend mechanisms to collapse the current processes to make them more efficient

Deliverable Materials:

- ALSDE Process Document for Assessment of AYP, HQT, Graduation rates, and Drop Out rates.

Activity 4 - Source Data Mapping and Extract Process Development

In this activity, IBM will perform Services which include the following tasks:

a. Initial EPMS product configuration
b. Perform System Review, Process Review, Design and Gap Analysis
c. Review data sources for data transfer and ETL for access and understanding of data constructs
d. Perform Data Mapping Analysis
e. Perform mapping
f. Immediate direct support for ALSDE Implementation Staff on site
g. Development and testing of the programs and/or processes used to create the data using the mapping rules
h. Plan and Assist in Testing
i. Data mapping assistance/guidance, troubleshooting, etc

Deliverable Materials:

- ALSDE Mapping and ETL Database Schema Document

Activity 5 - ALSDE (EPMS) EPMS Data Warehouse Build Out Activities ,Report Development, System Testing and Deployment

In this activity, IBM will perform Services which include the following tasks:

a. Document reporting requirements and report development.
b. Provide information transfer and/or documentation to ALSDE Implementation Staff.
c. Provide reporting and analysis implementation support to ALSDE
d. Provide ALSDE reporting validation assistance.
e. Provide agreed upon LDS and EDEN reports

Deliverable Materials:

- Reporting Requirements Document

Activity 6 - Provide IBM Cognos security integration for the EPMS application

In this activity, IBM will perform Services which include the following tasks:

a. Integrate EPMS security into ALSDE environment.

Deliverable Materials:

- None

Activity 7 - Provide IBM Cognos connection based EPMS portal

In this activity, IBM will perform Services which include the following tasks:

a. Deploy IBM Cognos Connection Portal.

Deliverable Materials:

- None

Activity 8 - Provide IBM Cognos Product Installation in the Production environment

In this activity, IBM will perform Services which include the following tasks:

a. Perform IBM Cognos Standard Software Installation and Testing for the production environment

Deliverable Materials:

- Configuration Management Plan Document

2.4 Your Responsibilities

The completion of the effort depends on the full commitment and participation of your management and personnel.

The responsibilities listed in this section are in addition to those responsibilities specified in the Agreement, and are to be provided at no charge to IBM. IBM's performance is predicated upon the following responsibilities being fulfilled by you. Delays in performance of these responsibilities may result in additional cost and/or delay of the completion of the project, and will be handled in accordance with Appendix A-1: Project Change Control Procedure. You agree to the following:

2.4.1 Your Project Manager

Prior to the start of this SOW, you will designate a person called your Project Manager who will be the focal point for IBM communications relative to this project and will have the authority to act on behalf of you in all matters regarding this project. Your Project Manager's responsibilities include:

a. Manage your personnel and responsibilities for this project.

b. Serve as the interface between IBM and all your departments participating in the project.

c. Administer the Project Change Control Procedure with the IBM Project Manager.

d. Participate in project status meetings.

e. Obtain and provide information, data, and decisions within { three working days of IBM's request unless you and IBM agree in writing to a different response time.

f. Resolve deviations from the estimated schedule, which may be caused by you.

g. Help resolve project issues and escalate issues within your organization, as necessary.

h. Review with the IBM Project Manager any of your invoice or billing requirements. Such requirements that deviate from IBM's standard invoice format or billing procedures may have an effect on price, and will be managed through the Project Change Control Procedure in Appendix A-1.

i. Create, with IBM's assistance, the project plan for the performance of this SOW which will include the product training plan, activities, tasks, assignments, milestones and estimates.

2.4.2 Other Responsibilities

a. Ensure that your staff is available to provide such assistance as IBM reasonably requires and that IBM is given reasonable access to your senior management, as well as any members of your staff to enable IBM to provide the Services, if any. You will ensure that your staff has the appropriate skills, training on the IBM Cognos 8.x BI Product suite, and experience. If any of your staff fails to perform as required, you will make suitable additional or alternative staff available.

b. ALSDE will provide two fulltime personnel a Data Base SME and a Data Warehouse SME to this project.

c. Provide all information and materials reasonably required to enable IBM to provide the Services, if any. You agree that all information disclosed or to be disclosed to IBM is and will be true, accurate

and not misleading in any material respect. IBM will not be liable for any loss, damage or deficiencies in the Services, if any, arising from inaccurate, incomplete, or otherwise defective information and materials supplied by you.

d. Make final selection of solution and technical architectures.

e. Supply all prerequisite hardware and software to be used during the performance of this SOW. This does not include any hardware or software normally used by IBM consultants in the performance of their day-to-day responsibilities with IBM.

f. Allow IBM and its subsidiaries to store and use your business contact information (your employees' names, business phone numbers, and business e-mail addresses) anywhere they do business. Such information will be processed and used in connection with our business relationship and may be provided to contractors acting on IBM's behalf, IBM Business Partners, and assignees of IBM and its subsidiaries for uses consistent with our business relationship.

2.4.3 Laws, Regulations and Statutes

You are responsible for the identification of, interpretation of, and compliance with, any applicable laws, regulations and statutes that affect your applications or business.

2.4.4 Data File Content and Security

You are solely responsible for the actual content of any data file, selection and implementation of controls on its access and use, and security of the stored data.

2.4.5 Facilities

You will provide IBM and its personnel facilities that IBM may reasonably require to perform the Services, in particular, supplies, furniture, computer facilities, telephone/fax communications, analog lines and broadband access via network connectivity capability and other facilities while IBM is working on these Services. The IBM project team will be located in an area adjacent to your subject matter experts and technical personnel, and all necessary security badges and clearance will be provided for access to this area. A lockable cabinet will be provided to IBM personnel in accordance with your security procedures. You will be responsible for ensuring that you have appropriate backup, security and virus-checking procedures in place for any computer facilities you provide or which may be affected by the Services.

2.5 Materials

IBM will provide you with the tangible items listed in Appendix B which will be provided as Type II Materials.

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2.6 Completion Criteria

IBM will have fulfilled its obligations under this SOW when any one of the following first occurs:

a. IBM accomplishes the IBM activities described in Section 2.3 IBM Responsibilities, including delivery to you of the Materials listed, if any, or

b. IBM provides the number of estimated hours of Services specified in Section 2.8 Charges or in any subsequent Change Authorization or

c. You or IBM terminates the project in accordance with the provisions of the Agreement.

2.7 Schedule

The Services will be provided after mutual contract execution, between a start date to be determined by both parties and an estimated end date of April 30, 2011("End Date"), or on other dates mutually agreed to between you and IBM.

2.8 Charges

This project will be conducted on an hourly services basis. IBM will provide estimated hours for the Services as described in the following schedule:

Resource	Estimated Number of Hours	Rate/Hour	Total
Project Manager and Technical Architect	800		
Technical Expert Services Architect	136		
Data Warehouse (DW) Developer	1296		
Business Intelligence (BI) Developer	600		
	Total Estimated Services Charges:		

Any estimate given by IBM of any charge whether for planning or any other purpose is only an estimate. As these are estimated amounts, actual charges may differ, and we may adjust the mix of hours and rates shown above without a Project Change Request (PCR) as described in Appendix A-1: Project Change Control Procedure, as long as the Total Services Charges are not exceeded.

Fees shown above are inclusive of any travel and living expenses. Fees shown above are exclusive of other reasonable expenses incurred in connection with the Services, and any applicable taxes.

The total estimated charges for this SOW are $xxx,xxx.xx

IBM will invoice you monthly for actual Services hours worked, other reasonable expenses incurred in connection with the Services, and applicable taxes, if any.

Amounts are due upon receipt of invoice and payable within 30 days. You agree to pay accordingly, including any late-payment fee. You do not have to pay any amount disputed in good faith while it is being investigated, but you remain obligated to pay any amount not in dispute.

For IBM personnel that ultimately remain on the assignment for more than one year, or who perform services in countries other than where they are permanently assigned, or in other certain limited situations, there may be an increased tax burden pursuant to home and work jurisdiction tax laws. You will be responsible for, and will pay, the increased expenses related to federal, state and local tax assistance provided by IBM to the affected IBM personnel. Application of the appropriate tax rules will be determined by IBM. The charges will be billed, when appropriate, with the travel and living expenses affected and incurred in the performance of the Services detailed in this SOW. In the case of services performed outside the individual's permanent work country, there may be additional charges as a result of the international assignment program.

2.9 Additional Terms and Conditions

2.9.1 Required Consents

Prior to making your facilities, software, hardware, networks or other similar resources available to IBM, you will promptly obtain any licenses or approvals necessary for IBM or its subcontractors to use, access and modify such resources to the extent necessary for IBM to perform the Services, including the development of any Materials. IBM will be relieved of its obligations to the extent your failure to promptly obtain such licenses or approvals adversely affect IBM's ability to perform its obligations. If a third party asserts a claim against IBM as a result of your failure to promptly obtain these licenses or approvals, you agree to reimburse IBM for any costs and damages that IBM may reasonably incur in connection with such claim.

2.9.2 Offer Expiration Date

This offer will expire on May 30, 2010 unless extended by IBM in writing.

Each of us agrees that the complete agreement, which replaces any prior oral or written communications between us regarding this transaction, consists of 1) the Statement of Work and its Appendices, and 2) the Agreement identified below.

In entering into this SOW, you are not relying upon any representation made by or on behalf of IBM that is not specified in the Agreement or this SOW, including, without limitation, the actual or estimated completion date, amount of hours to provide any of the services, charges to be paid, or the results of any of the services to be provided under this SOW.

An authorized signature on this page by you indicates your acceptance of this Statement of Work.

Agreed to:	Agreed to:
Alabama State Department of Education	**International Business Machines Corporation**
	Armonk, New York 10504
By:	By:
Not for Signature	**Not for Signature**
_____	_____
Authorized signature	Authorized signature
Name (type or print):_____	Name (type or print):_____
Date:_____	Date:_____
	Agreement name:
	Agreement number:
	Statement of Work number: CRUR-82LTV8
	IBM Fax number:
	IBM E-mail address:

Appendix A: Project Procedures

A - 1: Project Change Control Procedure

The following process will be followed if a change to this SOW is required.

(1) IBM and you may determine that it is necessary to exceed the number of estimated hours for the Services as stated in Section 2.8. In such event, you may authorize additional hours and funding by the written request of your SOW signatory. The request must reference the SOW number. Through the end of the calendar year (i.e., December 31) during which this SOW is originally executed, additional hours, funding, and End-Date extension may be requested in writing, at the originally contracted hourly rate, specified in Section 2.8 Charges. If accepted or initiated by IBM, such letter or e-mail will act as a change authorization to this SOW. All other requested changes will require execution of a Project Change Request as discussed below.

(2) A Project Change Request (PCR) will be the vehicle for communicating change. The PCR must describe the change, the rationale for the change and the effect the change will have on the project.

(3) A PCR must be signed by authorized representatives from both parties to authorize implementation of the change. Until a change is agreed to in writing, both parties will continue to act in accordance with the latest agreed version of the SOW.

Appendix B: Materials

B - 1: Project Plan

Purpose: To Provide the overall schedule and critical path items for the project

Content: Microsoft Project Plan

Delivery: IBM will deliver one (1) copy of this document in softcopy format.

B - 2: Regular Project Status Reports

Purpose: To Document the progress of the project on a weekly basis versus the project Plan

Content: Microsoft Word Document in standard IBM Cognos Status Report Context

Delivery: IBM will deliver one (1) copy of this document in softcopy format.

B - 3: Hardware Sizing Document

Purpose: To Document the recommended hardware environment for development and production

Content: Microsoft Word Document in standard IBM Cognos Sizing document format

Delivery: IBM will deliver one (1) copy of this document in softcopy format.

B - 4: Technical Architecture Document

Purpose: To Document the recommended technical architecture for development and production

Content: Microsoft Word Document in standard IBM Cognos Technical Architecture document format

Delivery: IBM will deliver one (1) copy of this document in softcopy format.

B - 5: ALSDE Process Document for Assessment of AYP,HQT,Graduation rates, and Drop Out rates

Purpose: To Document the current and desired processes for AYP, HQT, Graduation rates, and Dropout Rates

Content: Microsoft Word Document in standard IBM Cognos Process document format

Delivery: IBM will deliver one (1) copy of this document in softcopy format

B - 6: ALSDE Mapping and ETL Database Schema Document

Purpose: To Document the EPMS database and schema mapping

Content: Microsoft Word Document in standard IBM Cognos EPMS Data Mapping format

Delivery: IBM will deliver one (1) copy of this document in softcopy format

B - 7: Reporting Requirements Document

Purpose: To Document the reporting requirements for the EPMS Project

Content: Microsoft Word Document in standard IBM Cognos Reporting Document format

Delivery: IBM will deliver one (1) copy of this document in softcopy format

B - 8: Configuration Management Plan Document

Purpose: To Document the actual configuration for the production environments

Content: Microsoft Word Document in standard IBM Cognos Configuration Management document format

Delivery: IBM will deliver one (1) copy of this document in softcopy format

Attachment A

Overview

At IBM Cognos Education, we believe that self-sufficiency is the ultimate measure of your success with our products. One of our top goals is to provide the skills and knowledge needed to make the most of your investment in IBM Cognos Business Intelligence and Performance Management tools.

We offer extensive, comprehensive training courses that allow administrators, developers, professional authors and business analysts master the skills required to work with our applications. Investing in IBM Cognos Education will benefit you with reduced costs, better ROI on your software investment, more satisfied users within your organization and lower dependency on your internal helpdesk/IT staff. IBM Cognos Education provides more than 20 years of training delivery, flexible and comprehensive training delivery options and mediums. In the last few years, the department has won multiple awards for its public classroom materials, Virtual Classroom, and Computer-Based Training (CBTs) including Winner of the 2007 Society of Technical Communication (STC) Excellence Award for our IBM Cognos 8 SDK Self-Paced Training Course. Our award winning course materials are synchronized with product release. The materials are scenario-driven, problem-based, hands-on learning. The IBM Cognos training approach uses a blend of instructor presentation, instructor-led demonstrations and student independent exercises to ensure extensive hands-on experience during the IBM Cognos training. We feel this makes us exceptionally well suited to ensure your success with our software solution!

The IBM Cognos instructors are a dedicated team of training professionals that deliver to over 12,000 customers every year on the entire IBM Cognos solution. Our instructors are subjected to high level of quality control including audits, peer reviews, structured feedback, with a continued commitment to learning. Our instructors bring real world experience to the IBM classroom. Our instructors all attend Instructional Techniques Workshop (external training program). Our instructors are all Cognos Certified, experienced educators; our instructors are CTT Certified. The Certified Technical Trainer designation is the globally recognized standard for Technical Trainers. Our instructors enjoy proven customer satisfaction rating (100% satisfaction in over 95% of our customers). Our certified instructors have a thorough knowledge of the Cognos solution, capabilities, and business values - you benefit from the expertise of those who know our products best.

Public Classroom and Private Training Solutions:

Our public classroom structure delivers problem-based classroom training with knowledgeable instructors, standard materials – in a collaborative environment with other customers. Our classroom courses are ideally suited for users who learn best in a face-to-face environment or who require in-depth knowledge transfer. IBM Cognos Education has over 60 classrooms world wide to serve you better.

In addition, all our public classroom offerings can be performed at the client site if the appropriate training facilities are available. This offers the same educational experience that the client would experience in our public classroom setting with the advantage of keeping the attendees local and having a closed class with only the attendees from your organization in the class.

IBM Cognos Education e-Learning

e-Learning empowers your business users with instant access to critical knowledge, when and where they need it most, and has fast become an essential part of any training plan. IBM Cognos Computer-Based Training (CBT) courses have an intuitive and instructionally superior user interface, they are developed in a modular fashion with the right blend of multimedia and interactivity, and guide learning through product demonstrations, hands-on learning activities, and progress check questions. In addition upon successfully completing the course and scoring greater than 80% on the completion quiz, you can print off a course completion certificate and send your results to your manager or Human Resources department.

Suggested Training Curriculum:

IBM Cognos 8 BI Report Studio: Author Professional Reports Fundamentals - is a three-day, instructor–led course. It is designed for report authors to learn report building techniques using relational data models, and ways of en enhancing, customizing, and managing professional reports. Attendees will participate in hands-on demos and workshops that illustrate key concepts while learning how to use the product.

IBM Cognos 8 BI Report Studio: Author Professional Reports Advanced - This two-day Advanced course is designed for professional report authors to learn advanced report building techniques using relational data models, and ways of en enhancing,

customizing, and managing professional reports. You will participate in hands-on demos and workshops that illustrate key concepts while learning how to use the product.

IBM Cognos 8 BI Data Manager: Build Datamarts with Enterprise Data- is a five-day, instructor-led course that teaches participants how to move, merge, consolidate, and transform data from a range of data sources to build and maintain subject-area data marts. In the process, students will create a catalog and add connections to data sources and targets. They will also deliver fact and dimension data to a data mart through the use of builds and the dimensional framework. In addition, students will learn how to automate common functionality and handle complex data issues, such as unbalanced hierarchical structures.

IBM Cognos 8 BI Framework Manager: Design Metadata Models is a five-day, instructor-led course that provides participants with introductory to advanced knowledge of metadata modeling concepts, and how to model metadata for predictable reporting and analysis results using Framework Manager. Participants will learn the full scope of the metadata modeling process, from initial project creation, to publishing of metadata to the Web, enabling end users to easily author reports and analyze data.

IBM Cognos 8 BI Cognos Connection for Consumers (V8.4) –eLearning -The IBM Cognos 8 BI Cognos Connection for Consumers (v8.4) WBT teaches consumers how to manage content in the IBM Cognos Connection Web portal. You will learn how to access reports, run a report with options, schedule a report to run at a specific time with specific output and language formats, and create report views in the IBM Cognos Connection Web portal. In addition, the course will teach you how to personalize the appearance of IBM Cognos Connection by changing personal settings, creating folders to organize content, and creating dynamic dashboards

IBM Cognos 8 BI Analysis Studio: Analyze Data (V8.4) – eLearning b2420- WBT teaches business analysts how to navigate and analyze information in Analysis Studio in order to discover trends, identify opportunities, and make better business decisions. You will learn ranking, filtering, creating asymmetrical crosstabs, and charting to help you analyze large volumes of data (whether OLAP or dimensionally modeled relational metadata).

IBM Cognos 8 BI Query Studio: Build Ad Hoc Reports (V8.4) –eLearning b2427- WBT teaches business authors how to create, modify and organize ad hoc reports. You will learn how to create and format different types of reports, highlight report items using conditional formatting, create filters to focus reports, and apply report templates.

IBM Cognos 8 BI Report Studio: Express Authoring Mode (V8.4) – eLearning b2424 WBT teaches business authors the techniques for creating, modifying, and formatting statement style reports using Express Authoring mode in Report Studio. In particular, you will examine techniques such as filtering using context, creating calculations , defining prompts, and applying formatting to your report.

IBM Cognos 8 Analysis for Excel: Analyze Data in Microsoft Excel(V8.4)-eLearning b2407 vignette introduces business authors to the features and capabilities of Analysis for Microsoft Excel. Through task-based product demonstrations, you will learn how to connect to IBM Cognos 8 data sources and incorporate IBM Cognos 8 data into Microsoft Excel spreadsheets for further analysis, formatting, and layout options.

View course descriptions and additional details via:
http://www-304.ibm.com/jct03001c/services/learning/ites.wss/us/en?pageType=course_list&subChapter=9757&subChapterInd=S&subChapterName=BI+-+Cognos+8+%28version+8.4%29&chapter=6218&chapterName=Cognos

On-Site Pricing:

Cognos Services	Description	Length	Cost
On-Site Instruction	Report Studio Fundamentals + Advanced	5 Days 12 Users	
On-Site Instruction	Framework Manager: Design Metadata Models	5 Days 4 Users	
On-Site Instruction	Data Manager: Build Datamarts	5 Days 4 Users	
WBT Purchases	Combination of CBT's (listed above)	TBD	
Total Training			
EdPack Pricing	$73,000 IBM Edpack		

Pricing Options:

IBM offers the option of purchasing an Education Pack which may be used for any IBM training course (including non-Cognos courses), for private/onsite training as well as for eLearning purchases. Education Packs are valid for one full year from date of purchase.

IBM EdPacks:
http://www-304.ibm.com/jct03001c/services/learning/ites.wss/us/en?pageType=page&c=a0000155